

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10550323
	Filing Date		2005-09-23
	First Named Inventor	Roger D. Chamberlain	
	Art Unit	2134 2162	
	Examiner Name	M. T. Henning JBF	
Attorney Docket Number		53047-57370	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	4941178	A	1990-07-10	Chuang	
	2	5023910	A	1991-06-11	Thomson	
	3	5050075	A	1991-09-17	Herman et al.	
	4	5101424	A	1992-03-31	Clayton et al.	
	5	5140692	A	1992-08-18	Morita et al.	
	6	5163131	A	1992-11-10	Row et al.	
	7	5179626	A	1993-01-12	Thomson	
	8	5226165	A	1993-07-06	Martin et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10550323
Filing Date	2005-09-23
First Named Inventor	Roger D. Chamberlain
Art Unit	2134 2162
Examiner Name	M. T. Henning JBF
Attorney Docket Number	53047-57370

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.B.F./

9	5243655	A	1993-09-07	Wang	
10	5255136		1993-10-19	Machado et al.	
11	5265065	A	1993-11-23	Turtle	
12	5319776	A	1994-06-07	Hile et al.	
13	5327521	A	1994-07-05	Savic et al.	
14	5339411	A	1994-08-16	Heaton, Jr.	
15	5388259	A	1995-02-07	Fleischman et al.	
16	5396253	A	1995-03-07	Chia et al.	
17	5418951	A	1995-05-23	Damashek	
18	5432822	A	1995-07-11	Kaewell Jr.	
19	5465353	A	1995-11-07	Hull et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.B.F./

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10550323
Filing Date		2005-09-23
First Named Inventor	Roger D. Chamberlain	
Art Unit	2194 2162	
Examiner Name	M. T. Henning JBF	
Attorney Docket Number	53047-57370	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.B.F./

20	5481735		1996-01-02	Mortensen et al.	
21	5488725	A	1996-01-30	Turtle et al.	
22	5497488	A	1996-03-05	Akizawa et al.	
23	5544352	A	1996-08-06	Egger	
24	5546578	A	1996-08-13	Takada et al.	
25	5651125	A	1997-07-22	Witt et al.	
26	5721898	A	1998-02-24	Beardsley et al.	
27	5740466		1998-04-14	Geldman et al.	
28	5774835	A	1998-06-30	Ozawa et al.	
29	5774839	A	1998-06-30	Shlomot	
30	5781772	A	1998-07-14	Wilkinson, III et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10550323
Filing Date	2005-09-23
First Named Inventor	Roger D. Chamberlain
Art Unit	2191 2162
Examiner Name	M. T. Henning JBF
Attorney Docket Number	53047-57370

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. //J.B.F./

31	5781921		1998-07-14	Nichols	
32	5805832		1998-09-08	Brown et al.	
33	5819273	A	1998-10-06	Vora et al.	
34	5819290	A	1998-10-06	Fujita et al.	
35	5826075		1998-10-20	Bealkowski et al.	
36	5864738	A	1999-01-26	Kessler et al.	
37	5884286		1999-03-16	Daugherty, III	
38	5913211	A	1999-06-15	Nitta et al.	
39	5930753	A	1999-07-27	Potamianos et al.	
40	5943421	A	1999-08-24	Grabon	
41	5943429	A	1999-08-24	Handel et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10550323
Filing Date	2005-09-23
First Named Inventor	Roger D. Chamberlain
Art Unit	2434 2162
Examiner Name	M.T. Henning JBF
Attorney Docket Number	53047-57370

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. //J.B.F./

42	6023760		2000-02-08	Karttunen et al.	
43	6044407		2000-03-28	Jones et al.	
44	6061662		2000-05-09	Makivic	
45	6070172		2000-05-30	Lowe	
46	6138176		2000-10-24	McDonald et al.	
47	6173276		2001-01-09	Kant et al.	
48	6263321		2001-07-17	Daugherty, III	
49	6317795		2001-11-13	Malkin et al.	
50	6336150		2002-01-01	Ellis et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S. PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
-------------------	---------	--------------------	------------------------	------------------	---	--

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. //J.B.F./

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10550323
Filing Date	2005-09-23
First Named Inventor	Roger D. Chamberlain
Art Unit	2101 2162
Examiner Name	M.T. Henning JBF
Attorney Docket Number	53047-57370

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.B.F./

1						
---	--	--	--	--	--	--

If you wish to add additional U.S. Published Application citation information please click the Add button [Add](#)

FOREIGN PATENT DOCUMENTS

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button [Add](#)

NON-PATENT LITERATURE DOCUMENTS

[Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	SHAH, N., "Understanding Network Processors", Version 1.0, University of California-Berkeley, September 4, 2001 All Pages.	<input type="checkbox"/>
	2	SHIRAZI et al.; "Quantitative Analysis of FPGA-based Database Searching"; Journal of VLSI Signal Processing Systems For Signal, Image, and Video Technology; May 2001; pp 85-96; Vol. 28, No. 1/2; Kluwer Academic Publishers; Dordrecht, NL	<input type="checkbox"/>
	3	SIDHU et al., "Fast Regular Expression Matching using FPGAs" IEEE Symposium on Field Programmable Custom Computing Machines (FCCM 2001), April 2001 - All pages.	<input type="checkbox"/>
	4	SIDHU et al., "String Matching on Multicontext FPGAs using Self-Reconfiguration", FPGA '99: Proceedings of the 1999 ACM/SIGDA 7th International Symposium on Field Programmable Gate Arrays, February 1999, pp. 217-226	<input type="checkbox"/>
	5	TAYLOR and TURNER., "Scalable Packet Classification using Distributed Crossproducting of Field Labels", Proceedings of IEEE Infocom Vol. 20, No. 1, March 2005, pp. 1-12.	<input type="checkbox"/>

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.B.F./

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10550323
Filing Date	2005-09-23
First Named Inventor	Roger D. Chamberlain
Art Unit	2494 2162
Examiner Name	M.T. Henning JBF
Attorney Docket Number	53047-57370

6	TAYLOR et al., "Generalized RAD Module Interface Specification of the Field Programmable Port Extender (FPX) Version 2", Washington University, Department of Computer Science, Technical Report, January 8, 2000 . All Pages . <input checked="" type="checkbox"/>
7	TAYLOR et al., "Modular Design Techniques for the FPX", Field Programmable Port Extender: January 2002 Gigabit Workshop Tutorial, Washington University, St. Louis, MO, January 3-4, 2002 . All Pages . <input type="checkbox"/>
8	TAYLOR, "Models, Algorithms, and Architectures for Scalable Packet Classification", doctoral thesis, Department of Computer Science and Engineering, Washington University, St. Louis, MO August 2004, pp. 1-201. <input type="checkbox"/>
9	TING-PANG LIN et al.; "Real-Time Image Template Matching Based on Systolic Array Processor"; International Journal of Electronics; December 1, 1992; pp. 1165-1176; Vol. 73, No. 6; London, Great Britain <input type="checkbox"/>
10	VILLASENOR et al.; "Configurable Computing Solutions For Automatic Target Recognition"; FPGAS for Custom Computing Machines, 1996, Proceedings, IEEE Symposium on Napa Valley, CA; April 17-19, 1996; pp 70-79; 1996 IEEE; Napa Valley, CA, Los Alamitos, CA, USA <input type="checkbox"/>
11	YAMAGUCHI et al.; "High Speed Homology Search with FPGAS"; Proceedings Pacific Symposium on Biocomputing; January 3-7, 2002; pp 271-282; Vol. 7; Online; Lihue, Hawaii, USA <input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Jean Bolte Fleurantin/	Date Considered	06/15/2010
--------------------	-------------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.B.F./